

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-43 (cancelled)

44. (currently amended) A piezoelectric surface acoustic wave device ~~as set forth in claim 43~~ including a transducer electrode formed on a substrate, the electrode having a plurality of sequential layers, a first one of the layers being a metal and having a propensity to migrate in response to piezoelectric forces during operation of the device, a second one of the layers being an undesired destination of potential migration of the metal from the first layer, and a third one of the layers, which is located between the first and second layers, for providing a hardening effect to the first layer to inhibit the migration of the metal from the first layer to the second layer, wherein the third layer is a metal and oxygen compound.

45. (previously presented) A surface acoustic wave device as set forth in claim 44, wherein the metal and oxygen compound includes aluminum.

46. (previously presented) A surface acoustic wave device as set forth in claim 45, wherein the metal and oxygen compound is aluminum oxide.

47. (cancelled)

48. (currently amended) A piezoelectric surface acoustic wave device ~~as set forth in claim 43~~ including a transducer electrode formed on a substrate, the electrode having a plurality of sequential layers, a first one of the layers being a

metal and having a propensity to migrate in response to piezoelectric forces during operation of the device, a second one of the layers being an undesired destination of potential migration of the metal from the first layer, and a third one of the layers, which is located between the first and second layers, for providing a hardening effect to the first layer to inhibit the migration of the metal from the first layer to the second layer, wherein the substrate is planar, each of the layers having a portion extending parallel to the substrate, the parallel extending portions being vertically stacked relative to the substrate, at least some of the layers also having portions extending transversely to the substrate, and the transverse extending portions being laterally stacked relative to the substrate.

49. (previously presented) A surface acoustic wave device as set forth in claim 48, wherein the third layer of hardening material has a portion extending laterally about the first layer of metal for preventing migration of the metal.

50. (previously presented) A surface acoustic wave device as set forth in claim 48, wherein the transverse portions do not extend onto the substrate beyond the electrode.

51. (previously presented) A surface acoustic wave device as set forth in claim 48, wherein the third layer is a metal and oxygen compound.

52. (previously presented) A surface acoustic wave device as set forth in claim 51, wherein the metal and oxygen compound includes aluminum.

53. (previously presented) A surface acoustic wave device as set forth in claim 52, wherein the metal and oxygen compound is aluminum oxide.

54. (previously presented) A surface acoustic wave device as set forth in claim 48, wherein the metal of the first layer includes aluminum.

55. (currently amended) A surface acoustic wave device as set forth in claim ~~43~~ 44, wherein the transducer electrode is electrically connected to a metal component that permits electrical connection of the surface acoustic wave device to an electrical device external to the surface acoustic wave device, the electrode having a metal portion of a first metallization, and the component being of a second, different metallization.

56. (previously presented) A surface acoustic wave device as set forth in claim 55, wherein the component includes one of a bus bar and a bond pad.

57. (previously presented) A surface acoustic wave device as set forth in claim 55, wherein the first metallization includes the metal portion of the electrode being made of a first metal, and the second metallization includes the component being made of a second, different metal.

58. (previously presented) A surface acoustic wave device as set forth in claim 55, wherein the first metallization includes the metal portion of the electrode having a first thickness, and the second metallization includes the component having a second, different thickness.

59. (previously presented) A piezoelectric surface acoustic wave device including a transducer electrode formed on a substrate, the electrode having a plurality of sequential layers, a first one of the layers being metal that has a propensity to migrate toward a second of the layers, and a third layer, which is located between the first and second layers, being a metal and oxygen compound to inhibit the migration of the metal from the first layer.

60. (previously presented) A surface acoustic wave device as set forth in claim 59, wherein the metal and oxygen compound includes aluminum.

61. (previously presented) A surface acoustic wave device as set forth in claim 60, wherein the metal and oxygen compound is aluminum oxide.

62. (currently amended) A piezoelectric surface acoustic wave device including a transducer electrode formed on a substrate, the electrode electrically connected to a metal component that permits electrical connection of the surface acoustic wave device to an electrical device external to the surface acoustic wave device, the electrode having a metal portion layer of a first metallization, and the component being a layer of a second, different metallization, wherein the electrode has a plurality of sequential layers, and at least a first one of the layers being metal and having a propensity to migrate in response to piezoelectric forces during operation of the device, a second one of the layers being an undesired destination of potential migration of the metal from the first layer, and another a third one of the layers being a material for providing a hardening effect to the metal layer to inhibit the migration of the metal from the first layer to the second layer, wherein the substrate is planar, each of the layers having a portion extending parallel to the substrate, the parallel extending portions being vertically stacked relative to the substrate, at least some of the layers also having portions extending transversely to the substrate, and the transverse extending portions being laterally stacked relative to the substrate.

63. (previously presented) A surface acoustic wave device as set forth in claim 62, wherein the component includes one of a bus bar and a bond pad.

64. (previously presented) A surface acoustic wave device as set forth in claim 62, wherein the first metallization includes the metal portion of the electrode being made of a first metal, and the second metallization includes the component being made of a second, different metal.

65. (previously presented) A surface acoustic wave device as set forth in claim 62, wherein the first metallization includes the metal portion of the electrode having a first thickness, and the second metallization includes the component having a second, different thickness.

66. (previously presented) A surface acoustic wave device as set forth in claim 62, wherein the material is a metal and oxygen compound.

67. (previously presented) A surface acoustic wave device as set forth in claim 66, wherein the metal and oxygen compound includes aluminum.

68. (previously presented) A surface acoustic wave device as set forth in claim 67, wherein the metal and oxygen compound is aluminum oxide.

69. (previously presented) A surface acoustic wave device as set forth in claim 62, wherein the metal of the material includes aluminum.

70. (cancelled)

71. (currently amended) A surface acoustic wave device as set forth in claim ~~70~~ 62, wherein the second layer, of hardening material, has a portion extending laterally about the first layer, of metal, for preventing migration of the metal.

72. (currently amended) A surface acoustic wave device as set forth in claim ~~70~~ 62, wherein the transverse portions do not extend onto the substrate beyond the electrode.

73. (currently amended) A surface acoustic wave device as set forth in claim ~~70~~ 62, wherein the material is a metal and oxygen compound.

74. (previously presented) A surface acoustic wave device as set forth in claim 73, wherein the metal and oxygen compound includes aluminum.

75. (previously presented) A surface acoustic wave device as set forth in claim 74, wherein the metal and oxygen compound is aluminum oxide.

76. (currently amended) A surface acoustic wave device as set forth in claim ~~70~~ 62, wherein the metal of the material includes aluminum.

77. (cancelled)